

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1. (Currently Amended) A decoding device for decoding a coded stream, the device comprising:

a plurality of decoding means for decoding the coded stream; and
decoding control means for controlling the plurality of decoding means to operate in parallel,

wherein each of the plurality of decoding means comprises:
an inverse DCT circuit for inversing DCT on the decoded coefficient data,
wherein each of the plurality of decoding means sends a signal requesting a motion compensation of a macroblock,

wherein a value of a register stored by said decoding control means is increased by 1 each time an unit of said coded stream is decoded by said plurality of decoding means,

wherein the decoding control means sequentially detects a processing status of the plurality of decoding means and when the decoding control means detects that a respective one of the plurality of decoding means finishes a processing of decoding, the decoding control means supplies parameters of a unit of the coded stream that is indicated by said value of the register to the respective one of the plurality of decoding means and causes the respective one of the plurality of the decoding means to decode the unit of the coded stream.

2.-28 (Canceled)